



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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CONNECTICUT, Northeast

CTZ002>003	Hartford - Tolland								
	16	2200EST			0	0	2.5M		Ice Storm
	17	1500EST							
CTZ002	Hartford								
	18	0700EST			0	0	25K		High Wind (G50)
		1000EST							

A major ice storm caused significant damage in north central Connecticut. There were numerous reports of downed trees, limbs, and power lines as a result of one-half to three-quarters of an inch of icing. An estimated 100,000 customers in Hartford and Tolland Counties were left without power because of the storm.

Damage was especially severe in western Hartford County, where entire communities such as Hartland, Granby, Simsbury, and Canton were left without power for as much as five days. Sections of Canton were completely isolated due to downed trees and wires, according to local police. In Burlington, widespread damage was reported. Trees crashed down on cars, punched through picture windows, ripped off electrical wires, stripped gutters, and shattered chimneys. Downed trees blocked roads in Bristol. The damage from the ice storm was compounded by high winds one day later. Gusts as high as 50 mph hampered the cleanup effort, downing more trees and branches which were weighted down by ice. Total damage from the storm in Hartford County was estimated at two million dollars.

The damage was less severe in neighboring Tolland County, but there were still many reports of downed trees, limbs, and wires countywide. Total damage was estimated at half a million dollar.

CTZ002>004	Hartford - Tolland - Windham								
	27	0100EST			0	0			Heavy Snow
		1300EST							

A winter storm passing southeast of New England brought heavy snow to northern Connecticut. The highest totals were observed in western Hartford County, where nearly a foot of snow fell. On average, storm totals ranged from 6 to 10 inches. The storm occurred on the day before Thanksgiving, but impact on travel was minimal since most people traveled the day before, in anticipation of the storm. Still, several minor accidents were reported throughout the region, but no injuries were directly attributable to the storm.

Some specific snowfall totals include 10.5 inches in Canton; 10 inches in Burlington, Glastonbury, Wethersfield, and West Hartford; 9 inches in Granby, Suffield, Bristol, Farmington, Ellington, and Hebron; 8 inches in Avon, Stafford, and Mansfield; 7 inches in Hartford, Manchester, Columbia, Ashford, and Woodstock; and 6 inches in Newington, Union, Vernon, Thompson, and Pomfret.

Officially, the storm total at Bradley International Airport in Windsor Locks was 9.0 inches.

MASSACHUSETTS, Central and East

MAZ002	Western Franklin								
	05	1100EST			0	0			Heavy Snow
	06	0600EST							
MAZ002	Western Franklin								
	05	1100EST			0	0	10K		Winter Storm
	06	0600EST							



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MASSACHUSETTS, Central and East



The lighthouse at the end of Derby Wharf in Salem during high tide on November 6, 2002. Photo taken by Paul Bilodeau, The Salem News.

Barnstable County

Eastham to Chatham	06	1200EST 1400EST			0	0	15K		Storm Surge
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Essex County

Salisbury to Marblehead	06	1200EST 1400EST			0	0	25K		Storm Surge
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Norfolk County

Quincy to Cohasset	06	1200EST 1400EST			0	0	15K		Storm Surge
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Plymouth County

Hingham to Duxbury	06	1200EST 1400EST			0	0	10K		Storm Surge
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Suffolk County

Revere to Boston	06	1200EST 1400EST			0	0	10K		Storm Surge
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The combination of high astronomical tides and an intensifying coastal storm tracking south of New England caused some of the worst flooding along the eastern Massachusetts coast in over a decade. Salisbury in coastal Essex County was hardest hit, where about 30 homes were surrounded by flood waters. Widespread minor to moderate flooding was reported in coastal communities from Gloucester to Duxbury. The high tide caused flooding in many basements and forced temporary road closures in Hingham, Marshfield, Quincy, and Revere. Morrissey Boulevard in Boston was closed around high tide at noon. In Hull, firefighters used a boat to rescue two residents after their house was inundated by several feet of water. At least two cars were stranded in Cohasset. On Cape Cod, flood waters surrounded several homes in Eastham and Chatham.

The storm also brought heavy, wet snow to western Franklin County, where amounts as high as 6 to 8 inches were reported. The weight of the snow brought down tree limbs, causing scattered power outages.



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MASSACHUSETTS, Central and East

MAZ002>005-008>012 **Western Franklin - Eastern Franklin - Northern Worcester - Western Middlesex - Western Hampshire - Western Hampden - Eastern Hampshire - Eastern Hampden - Southern Worcester**

16	2200EST	0	0	1.4M	Ice Storm
17	1500EST				

MAZ004-011 **Northern Worcester - Eastern Hampden**

18	0700EST 1000EST	0	0	30K	High Wind
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A major ice storm caused significant damage from the Connecticut River Valley into Worcester County and the Merrimack Valley. There were numerous reports of downed trees, limbs, and power lines as a result of one-half inch of icing. An estimated 18,000 customers were left without power because of the storm, some for as much as four days.

Damage was especially severe in central Massachusetts. This included, but was not limited to, communities such as Princeton, Paxton, Charlton, Spencer, Grafton, Millbury, Oxford, and the city of Worcester, where there were many reports of downed trees and limbs that smashed onto cars and houses, and blocked roads. The historic 220-year-old Crocker maple tree at Wachusett Meadows Wildlife Sanctuary fell victim to the ice storm.

The damage from the ice storm was compounded by high winds one day later. Gusts as high as 50 mph were reported in eastern Hampden and northern Worcester Counties, and hampered the cleanup effort, downing more trees and branches which were weighted down by ice.

MAZ011 **Eastern Hampden**

23	1455EST	0	0		High Wind (G60) ^M
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A wind gust to 60 mph was reported at Barnes Municipal Airport in Westfield. No damage was reported

MAZ011>012 **Eastern Hampden - Southern Worcester**

27	0100EST 1300EST	0	0		Heavy Snow
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A winter storm passing southeast of New England brought heavy snow to south central Massachusetts. On average, storm totals ranged from 5 to 10 inches. The storm occurred on the day before Thanksgiving, but impact on travel was minimal since most people traveled the day before, in anticipation of the storm. Still, several minor accidents were reported throughout the region, but no injuries were directly attributable to the storm. Totals across the rest of Massachusetts averaged between 3 and 6 inches, with lesser amounts from coastal Plymouth County to Cape Cod and the Islands

Some specific snowfall totals include 9.5 inches in Sturbridge; 8 inches in Springfield, Southwick and Longmeadow; 7 inches in Chicopee, Agawam, Monson, and Douglas; and 6 inches in Holyoke, downtown Worcester, and Westboro.

Officially, the storm total at Worcester Airport was 6.0 inches.

NEW HAMPSHIRE, Southern

NHZ011>012 **Cheshire - Hillsborough**

16	2200EST	0	0	150K	Ice Storm
17	1500EST				

A major ice storm caused significant damage in southwest New Hampshire. There were numerous reports of downed trees, limbs, and power lines as a result of one-half inch of icing. An estimated 7,000 customers in Cheshire and Hillsborough Counties were left without power because of the storm.



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NEW HAMPSHIRE, Southern

In the Monadnock Region, roads were nearly impassable from the wintry combination of snow and ice. A tree crashed through a house in Marlborough after being weighted down by ice. Power outages were reported in Jaffrey, Rindge, Fitzwilliam, and Troy, and as far east as Manchester.

RHODE ISLAND

RIZ001>004

Northwest Providence - Southeast Providence - Western Kent - Eastern Kent

27	0300EST 1400EST	0	0	Heavy Snow
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A winter storm passing southeast of New England brought heavy snow to northern Rhode Island. The highest totals were observed in the higher elevations of northwest Providence and western Kent Counties, where around 8 inches of snow fell. On average, storm totals ranged from 4 to 8 inches. The storm occurred on the day before Thanksgiving, but impact on travel was minimal since most people traveled the day before, in anticipation of the storm. Still, several minor accidents were reported throughout the region, but no injuries were directly attributable to the storm.

Some specific snowfall totals include 8 inches in Coventry and Burrillville; 7 inches in Warwick; and 6 inches in Foster, Cranston, Johnston, and downtown Providence.

Officially, the storm total at T.F. Green State Airport in West Warwick was 5.8 inches.